

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Attention: Mr. Anthony Smith, Attorney-Adviser

Facsimile: 703-308-6459

Pages - 5

Date: October 17, 2002

Diane Schwaiger
Diane Schwaiger

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Ali Jalali, Pierre Leray, and
Dominique Lacroix

Art Unit: Not Assigned

RECEIVED

17 OCT 2002

Legal Staff

International Division

Application No.: 09/581,272

Examiner: Not Assigned

Date Received by PCT/PTO: June 7, 2000

Docket No.: 136,147

Customer No. 023907

For: *Method of Calculating the Fast Fourier Transform and the Inverse Fast Fourier Transform*

LETTER

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

Attention: Mr. Anthony Smith, Attorney-Advisor

Dear Mr. Smith:

In accordance with our telephone conference on October 16, 2002, enclosed are a Declaration and an Assignment executed by Ali Jalali on October 11, 2002, which were recently obtained by our client from Mr. Jalali. Mr. Jalali informed our client that he received his mail only two weeks ago and that he had changed his address in Iran.

You advised me to fax these documents to you and I am doing so herewith.

Please charge payment of any fees required to Deposit Account No. 14-1080.

Respectfully submitted,

James E. Nilles
James E. Nilles

Registration 16,663

Date: October 17, 2002
Nilles & Nilles, S.C.
U.S. Bank Center, Suite 2000
777 East Wisconsin Avenue
Milwaukee, WI 53202
Telephone: 414-276-0977
Facsimile: 414-276-0982

ASSIGNMENT

WHEREAS, we, ALI JALALI, PIERRE LERAY, and DOMINIQUE LACROIX, have made a certain new and useful invention for which we are about to make application for Letters Patent of the United States, which application may be identified in the United States Patent Office as Serial No. 09/581,272, filed June 7, 2000, and entitled:

Method of Calculating the Fast Fourier Transform and the Inverse Fast Fourier Transform

(Executed: _____)

WHEREAS, France Telecom SA, a company organized and existing under and by virtue of the laws of France and having its principal place of business at 6, Place d'Alleray, 75015 Paris, France and Telediffusion de France SA, a company organized and existing under and by virtue of the laws of France and having its principal place of business at 10, rue d'Oradour-sur-Glane, 75732 Paris Cedex 15, France, are desirous of acquiring the entire interest in and to said invention, said application and the Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar and other good and valuable consideration to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said France Telecom SA and Telediffusion de France SA, said assignees' legal representatives, successors and assigns, the entire right, title and interest in and to any and all applications including the aforesaid application for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all infringements of said patents; and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

THE UNDERSIGNED HEREBY GRANT the law firm of Nilles & Nilles, S.C. the power to insert in this instrument any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

UPON SAID CONSIDERATION, we do hereby covenant for ourselves and our heirs, legal representatives and assigns that neither we nor any of our said heirs, legal representatives or assigns have or will execute any instrument or perform any act in conflict herewith and that we or our said heirs, legal representatives and assigns will at all times do such acts and execute such papers, without expense to ourselves, as may be necessary or desirable in order to fully protect said inventions and discoveries for the benefit of said assignee, its successors or assigns, and to otherwise carry into full force and effect the text and interest of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Date: 11/10/00

ALI JALALI

(SEAL)

Date: 16/08/2000

PIERRE LERAY

(SEAL)

Date: 31/7/2000

DOMINIQUE LACROIX

(SEAL)

NILLES & NILLES, S.C.

WITNESSEVERCOMPANYNOINCLIDENT 1361 (ASSIGNMENT, etc

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

- ☐ Declaration Submitted with Initial Filing
OR
☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)

Attorney Docket Number: 138.147

First Named Inventor: Ali JALALI et al.

COMPLETE IF KNOWN

Application Number: 09/581,272

Filing Date: June 7, 2000

Group Art Unit:

Examiner Name:

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
Method of Calculating the Fast Fourier Transform and the Inverse Fast Fourier Transform

the specification of which

☐ is attached hereto

OR

☒ was filed on June 7, 2000 as United States Application No. 09/581,272 and was amended on June 7, 2000.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

(Number)	(Country)	(Month/Day/Year Filed)	Priority Not Claimed	Certified Copy Attached?
97 15737	France	December 0, 1997	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

(Application Number)	(Month/Day/Year Filed)
(Application Number)	(Month/Day/Year Filed)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

DECLARATION - Utility or Design Patent Application

Inventors: Ali JALALI, Pierre LeRAY, Dominique LACROIX
Serial No. 09/581,272

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Application(s)

PCT/FR98/02838

(Number)

December 7, 2000

(Month/Day/Year Filed)

(Patent Number (if applicable))

(Number)

(Month/Day/Year Filed)

(Patent Number (if applicable))

☐ Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

James E. Nilles, Reg. No. 18,883

Andrew J. Nilles, Reg. No. 31,786

Jay G. Dursi, Reg. No. 41,723

Uta M. Gehrke, Reg. No. 38,888

Thaddeus C. Stankowski, Reg. No. 45,522

Matthew C. Loppnow, Reg. No. 45,314

Stephen Michael Patton, Reg. No. 38,235

Jerome D. Drabask, Reg. No. 31,011

Lisa A. Brzycki, Reg. No. 40,928

Direct all telephone calls to James E. Nilles at telephone number (414) 276-0977, facsimile number (414) 276-0982.

Direct all correspondence to: James E. Nilles

NILLES & NILLES, S.C.

Firstar Center, Suite 2000

777 East Wisconsin Avenue

Milwaukee, Wisconsin 53202-5345

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first & middle (if any)) & Family Name/Surname: Ali JALALI

Inventor's Signature: Ali JALALI

Residence (city, state, country): Rennes, France

Post Office Address: 32 rue Mirabeau

Building K No. 234

(city, state, zip, country): 35700 Rennes, France

Date: 11/10/02

Citizenship: French

02366

DECLARATION - Utility or Design Patent Application

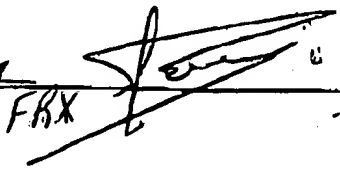
Inventors: Ali JALALI, Pierre LeRAY, Dominique LACROIX
Serial No. 09/581,272

Full name of Second Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first & middle (if any)) & Family Name/Surname: Pierre LERAY

Inventor's Signature:

Pierre LERAYDate: 16/08/2000

Residence (city, state, country): Liffre, France

FRX

Citizenship: French

Post Office Address: LaGrosse Roche

(city, state, zip, country): 35340 Liffre, France

Full name of Third Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first & middle (if any)) & Family Name/Surname: Dominique LACROIX

Inventor's Signature:

Dominique LACROIXDate: 31/7/2000

Residence (city, state, country): Rennes, France

FRX

Citizenship: French

Post Office Address: ~~45 Square Nain Fergem~~ 33 Square Louis Boulanger(city, state, zip, country): 35000 Rennes, France
35300

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